

1 1. (Currently Amended) A method for enabling re-use of presentation objects by
2 a printing system, comprising:
3 identifying an object in a print data stream for presentation by a printing system, and
4 generating at the printing system assigning a globally-unique identifier for assignment
5 to the object.

1 2. (Original) The method of claim 1 wherein the globally-unique identifier
2 assigned to the object allows the object to be securely and correctly referenced for re-use.

1 3. (Original) The method of claim 1 wherein the globally-unique identifier
2 assigned to the object is platform-independent.

1 4. (Original) The method of claim 1 wherein the globally-unique identifier is
2 based upon an International Standards Organization administered global naming tree.

1 5. (Original) The method of claim 1 wherein the globally-unique identifier is
2 contained in a syntax structure of a data stream.

1 6. (Original) The method of claim 5 wherein the data stream is a Mixed
2 Object Document Content Architecture data stream.

1 7. (Original) The method of claim 1 wherein the assigning a globally-unique
2 identifier further comprises:

3 requesting, in an International Standards Organization administered global naming
4 tree, a first node for an application that uses the object; .

5 registering, under the first node, a second node for each license of the application; and

6 assigning a globally-unique identifier for the object, the globally-unique identifier

7 including an indication of the object, the first node and the second node.

1 8. (Original) The method of claim 1 wherein the assigning a globally-unique
2 identifier further comprises generating a globally-unique identifier for an object, the

3 generated globally-unique identifier includes an indication of a first node representing an

4 application that uses the object, of a second node for each license of the application and of

5 the object.

1 9. (Original) The method of claim 8 wherein the indication of the object
2 includes a time stamp.

1 10. (Original) The method of claim 9 wherein the time stamp includes an
2 indication of the date and time.

1 11. (Original) The method of claim 8 wherein the indication of the object
2 includes a checksum value.

1 12. (Original) The method of claim 8 wherein the indication of the object
2 includes a binary counter.

1 13. (Currently Amended) A method for managing presentation objects for
2 multiple use, comprising:
3 downloading to a printer a presentation object identified in a print data stream;
4 catching an the presentation object in a cache of the printer when the presentation
5 object is downloaded; and
6 capturing the presentation object in memory of the printer if a globally-unique
7 identifier has been assigned to the presentation object.

1 14. (Original) The method of claim 13 wherein the memory comprises
2 permanent storage.

1 15. (Original) The method of claim 13 further comprising deleting previously
2 captured objects to increase available capture storage area in the memory.

1 16. (Original) The method of claim 15 wherein the deleting comprises
2 deleting non-active, least-recently used objects first.

1 17. (Original) The method of claim 15 wherein the deleting comprises largest
2 objects first.

1 18. (Original) The method of claim 15 wherein the deleting comprises
2 smallest objects first.

1 19-43. (Canceled)

1 44. (Currently Amended) A system for managing presentation objects for
2 multiple use, comprising:
3 a printer cache for caching ~~an~~ a presentation object identified in a print data stream
4 when downloaded; and
5 printer capture storage for capturing the presentation object if a globally-unique
6 identifier has been assigned to the presentation object.

1 45. (Original) The system of claim 44 further comprising a print server, the
2 print server deleting previously captured objects in the printer capture storage.

1 46. (Original) The system of claim 44 further comprising a print server, the
2 print server deleting previously downloaded or active objects.

1 47. (Original) The system of claim 46 wherein the previously downloaded or
2 active objects exist in capture storage or cache storage.

1 48. (Original) The system of claim 46 further comprising a printer control
2 unit for marking deleted objects in capture storage as removable.

1 49. (Original) The system of claim 48 wherein a removable object is deleted
2 when a capture request is received to make storage available to capture a new resource.

1 50. (Currently Amended) A system for processing referenced objects,
2 comprising:
3 a print server for searching for ~~an~~ a presentation object referenced by a selected
4 indicia in a print data stream, the selected indicia being a name, a globally-unique identifier
5 or a globally-unique identifier and an object locator; and
6 a control unit for capturing the presentation object in persistent memory;
7 wherein the control unit determines if the presentation object is to be captured based
8 upon whether the selected indicia include a globally-unique identifier.

1 51. (Original) The system of claim 50 wherein the data stream references the
2 object by an object name and the print server searches for the object by object name.

1 52. (Original) The system of claim 51 wherein the print server attempts to
2 find the object resident in a presentation device when the object is referenced with a globally-
3 unique identifier.

1 53. (Original) The system of claim 52 wherein the print server downloads the
2 object and the control unit captures the object when the attempt to find the resident object
3 fails and the object is referenced from a secure environment.

1 54. (Original) The system of claim 50 wherein the control unit references the
2 object by a globally-unique identifier.

1 55. (Original) The system of claim 54 wherein the print server attempts to
2 find the object resident in the presentation device using a globally-unique identifier.

1 56. (Original) The system of claim 55 wherein the print server searches for
2 the resource inline when the search for a resident globally-unique identifier fails.

1 57. (Original) The system of claim 56 wherein the print server downloads the
2 object and the control unit captures the object by the globally-unique identifier if the resource
3 is found inline and the object is secure.

1 58. (Original) The system of claim 50 wherein the data stream references the
2 object by a globally-unique identifier and an object locator.

1 59. (Original) The system of claim 58 wherein the print server attempts to
2 find the object by searching for a resident globally-unique identifier.

1 60. (Original) The system of claim 59 wherein the print server searches for
2 the resource inline when the search for a resident globally-unique identifier fails.

1 61. (Original) The system of claim 60 wherein the print server downloads and
2 the control unit captures the object by the globally-unique identifier if the resource is found
3 inline and the object is secure.

1 62. (Original) The system of claim 60 wherein the print server looks for the
2 object by object locator in a resource library when the inline search is unsuccessful.

1 63. (Original) The system of claim 62 wherein the print server determines
2 whether the globally-unique identifier assigned to the object matches the globally-unique
3 identifier referenced.

1 64. (Original) The system of claim 63 wherein the print server downloads the
2 object and the control unit captures the object by the globally-unique identifier if the
3 globally-unique identifier assigned to the object matches the globally-unique identifier
4 referenced.

1 65. (Original) The system of claim 63 wherein the print server provides an
2 indication of an error if the globally-unique identifier assigned to the object does not match
3 the globally-unique identifier referenced.

1 66. (Original) The system of claim 63 wherein the print server provides an
2 indication of an error if the object does not contain a globally-unique identifier.

1 67. (Currently Amended) An article of manufacture comprising a program
2 storage medium readable by a computer, the medium tangibly embodying one or more
3 programs of instructions executable by the computer to perform a method for managing
4 presentation objects for multiple use, the method comprising:

5 downloading to a printer a presentation object identified in a print data stream;
6 caching ~~an~~ the presentation object in a cache of the printer when the presentation
7 object is downloaded; and
8 capturing the presentation object in memory of the printer if a globally-unique
9 identifier has been assigned to the presentation object.

1 68. (Original) The article of manufacture of claim 67 further comprising
2 deleting previously captured objects to increase available capture memory.

1 69. (Canceled)